

FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEYS DOCKET NUMBER 1035-661
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/593488</b>	
INTERNATIONAL APPLICATION NO. <b>PCT/JP2005/005780</b>	INTERNATIONAL FILING DATE <b>28 March 2005</b>	PRIORITY DATE CLAIMED <b>29 March 2004</b>	
<b>TITLE OF INVENTION</b> <b>METHOD OF ANALYZING PANCREATIC <math>\beta</math>-CELL AMOUNT AND/OR PANCREATIC <math>\beta</math>-CELL FUNCTION AND UTILIZATION THEREOF</b>			
<b>APPLICANT(S) FOR DO/EO/US</b> <b>Toshihiko SHIRAIWA, Hideaki KANETO and Takeshi MIYATSUKA</b>			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The U.S. has been elected (Article 31).</p> <p>5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input checked="" type="checkbox"/> WO 2005/093061 is attached hereto (27) pages specification, claims &amp; abstract (12 claims), 5 sheets drawings.</p> <p>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3))</p> <p>a. <input checked="" type="checkbox"/> is attached hereto (52) pages specification, claims &amp; abstract (12 claims), 5 sheets drawings, <input type="text"/> page Certificate of Translation.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. a. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>b. <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (<input type="text"/> page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>			
<b>Items 11 To 20 below concern document(s) or information included:</b>			
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</p> <p>13. a. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>b. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information. International Search Report; Sequence Listing (2 pages).</p>			

IAP16 Rec'd PCT/PTO 20 SEP 2006

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/593486</b>		INTERNATIONAL APPLICATION NO. PCT/JP2005/005780		ATTORNEY'S DOCKET NUMBER 1035-661	
<input checked="" type="checkbox"/> The following fees are submitted:					
<b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b>					
21. <input checked="" type="checkbox"/>	Basic national fee .....	\$300.00 (1631)/\$150.00 (2631)			
22. <input checked="" type="checkbox"/>	Examination Fee .....	\$0 (1643/2643)			
		\$200.00 (1633)/\$100.00 (2633)			
23. <input checked="" type="checkbox"/>	Search Fee .....	\$0 (1640/2640)			
		\$100 (1641)/\$50 (2641)			
		\$400 (1642)/\$200 (2642)			
		\$500.00 (1632)/\$250.00 (2632)			
<b>TOTAL OF ABOVE CALCULATIONS</b>					
\$ 900.00					
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
52 -100	0 /50 =	0.00		\$0.00 (1681)	
				\$0.00 (2681)	
Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).					
<input type="checkbox"/> 30 months					
CLAIMS	NUMBER FILED	# EXTRA	RATE		
Total Claims	12	minus 20 =	0 X	\$50.00 (1615)/	\$25.00 (2615)
Independent Claims	4	minus 3 =	1 X	\$200.00 (1614)	\$100.00 (2614)
<b>MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</b>					
\$360.00 (1616)/\$180.00 (2616)					
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253)/\$510.00 (2253); Four Month Extensions \$1590.00 (1254)/\$795.00 (2254)					
\$ 0.00					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.					
Processing fee of \$130.00 (1618), for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).					
+ 0.00					
<b>TOTAL NATIONAL FEE = \$ 1122.00</b>					
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 (8021) per property + \$ 40.00					
Fee for Petition to Revive Unintentionally Abandoned Application; \$1500.00 (1453) / \$750.00 (2453) \$ 0.00					
<b>TOTAL FEES ENCLOSED = \$ 1162.00</b>					
Amount to be refunded: \$					
Amount to be Charged: \$					

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a.  A check in the amount of \$1162.00 to cover the above fees is enclosed.

b.  Please charge my Deposit Account No. 14-1140 in the amount of \$\_\_\_\_\_ to cover the above fees.  
A duplicate copy of this form is enclosed.

c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.

d.  **CREDIT CARD PAYMENT FORM ATTACHED.**

e.  The entire content of International Application No. PCT/JP2005/005780 and any U.S. and foreign application(s) corresponding thereto, and JP-2004-097070, referred to in this application is/are hereby incorporated by reference in this application.

**NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.**

**CORRESPONDENCE ADDRESS**

Direct all correspondence to:

Customer Number:

**23117**

Type Customer Number here



Frank P. Presta

NAME

**19,828**

REGISTRATION NUMBER

**September 20, 2006**

Date

Telephone: (703) 816-4000

FPP:lcb